

**DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)  
COMBINED WITH POWER OF ATTORNEY**

<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing	<input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)	Attorney Docket Number	CML00059D
		First Named Inventor	NIKOLAOS BELLAS
		Application Number	_____
		Filing Date	_____
<input checked="" type="checkbox"/> Regular (Utility) Application	<input type="checkbox"/> Design application	Group Art Unit	_____
		Examiner Name	_____

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PROGRAMMABLE MOTION ESTIMATION MODULE WITH VECTOR ARRAY UNIT

the specification of which:

<input checked="" type="checkbox"/> is attached hereto	<input type="checkbox"/> was filed on: _____
	as U.S. Serial No.: _____
	and was amended on: _____ <i>(if applicable)</i>

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed::

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:					

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Provisional Application Serial No.:
Provisional Application Filing Date:

I hereby claim the priority benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which is material to the patentability of this application and which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s):

- no such application(s) filed  
 such application(s) identified as follows:

Application No.	Filing Date (day, month, year)	Status (Patented, Pending, Abandoned)

I hereby declare that: as to any claimed subject matter of this application which is common to my earlier United States or foreign application(s), if any, which I have identified above and claimed the benefit of priority thereof, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the first of said earlier application(s), or in public use or on sale in the United States more than one year prior to the first of said earlier application(s), and that the said common subject matter has not been patented or made the subject of an inventor's certificate before the date of the first of said earlier U.S. application(s) in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the first of said earlier U.S. application(s), if any; and that, as to any claimed subject matter of this application which is not common to said earlier application(s), if any, I do not know and do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, or in public use or on sale in the United States more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the date of this application.

I hereby appoint the attorney(s) or agent(s) associated with: Customer Number to prosecute this application and transact all business in the
patent and trademark office connected therewith.



Address all telephone calls to:

DANIEL K. NICHOLS  
 Telephone: 847-576-5219  
 Facsimile: 847-576-3750

Address all correspondence to: Customer Number 22917

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first-named or sole inventor	<u>NIKOLAOS BELLAS</u>		
Inventor's signature			Date <u>12/07/01</u>
Residence	<u>SCHAUMBURG</u>	<u>CHICAGO</u>	IL
Citizenship	<u>GREECE</u>		
Post Office Address	<u>621 W. ARMITAGE (#2F) AV 13</u> <u>111 SALADO COURT #206</u> <u>CHICAGO</u> IL <u>60614</u> <u>SCHAUMBURG</u> IL <u>60185</u>		
City	State or Country	Zip Code	

Full name of second-named joint inventor	<u>MALCOLM RYLE DWYER</u>		
Inventor's signature			Date <u>12/07/01</u>
Residence	<u>PALATINE</u>	IL	
Citizenship	<u>UNITED STATES OF AMERICA</u>		
Post Office Address	<u>1443 E. EVERGREEN DRIVE #101</u> <u>Street Address</u> <u>PALATINE</u> IL <u>60074</u> <u>City</u> <u>State or Country</u> <u>Zip Code</u>		

RECORDATION FORM COVER SHEET  
PATENTS ONLYCOPY OF PAPERS  
ORIGINALLY FILED

DOCKET NUMBER: CML00059D

FEB 13 2002

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**NIKOLAOS BELLAS**  
**MALCOLM RYLE DWYER**

Additional name(s) of conveying party(ies)  Yes  No  
 attached?

- 3 Name of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: 12/07/2001

2. Name and address of receiving party(ies)

Name: Motorola, Inc.Internal Address: Law Department**RECEIVED**

MAR 27 2002

Technology Center 2600

Street Address: 1303 East Algonquin RoadCity: Schaumburg State: IL Zip: 60196

Additional name(s) & address(es)  
 attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is 12/07/2001.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: MOTOROLA, INC.

Internal Address:

1303 E. Algonquin Road

Street Address:

City: SchaumburgState: IL Zip: 60196

6. Total number of applications and patents involved:
- 1

7. Total fee (37 CFR 3.41)
- \$40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number:
- 13-4772

(Attach duplicate copy of this page if paying by deposit account.)

**DO NOT USE THIS SPACE**

- 9 Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document

DANIEL K. NICHOLS

Name of Person Signing

Signature

12/07/2001

Date

Total number of pages including cover sheet, attachments, and documents: 3Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **NIKOLAOS BELLAS, SCHAUMBURG, IL and MALCOLM RYLE DWYER, PALATINE, IL**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in **PROGRAMMABLE MOTION ESTIMATION MODULE WITH VECTOR ARRAY UNIT** (Docket No. CML00059D), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA, INC., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize MOTOROLA, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to MOTOROLA, INC., for the sole use and benefit of MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA, INC.

We agree that, when requested, we will, without charge to MOTOROLA, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.




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NIKOLAOS BELLAS

DATE: 12/07/01

STATE OF IL )  
COUNTY OF COOK )ss  
                  )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that NIKOLAOS BELLAS whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 1 day of DECEMBER, 2001.

My commission expires 08/11/01



Karen Kass  
Notary Public Signature

Karen Kass  
Printed Name of Notary Public




---

MALCOLM RYLE DWYER

DATE: 12/07/01

STATE OF IL )  
COUNTY OF COOK )ss  
                  )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that MALCOLM RYLE DWYER whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 1 day of DECEMBER, 2001.



Karen Kass  
Notary Public Signature

Karen Kass  
Printed Name of Notary Public